

FIG.1

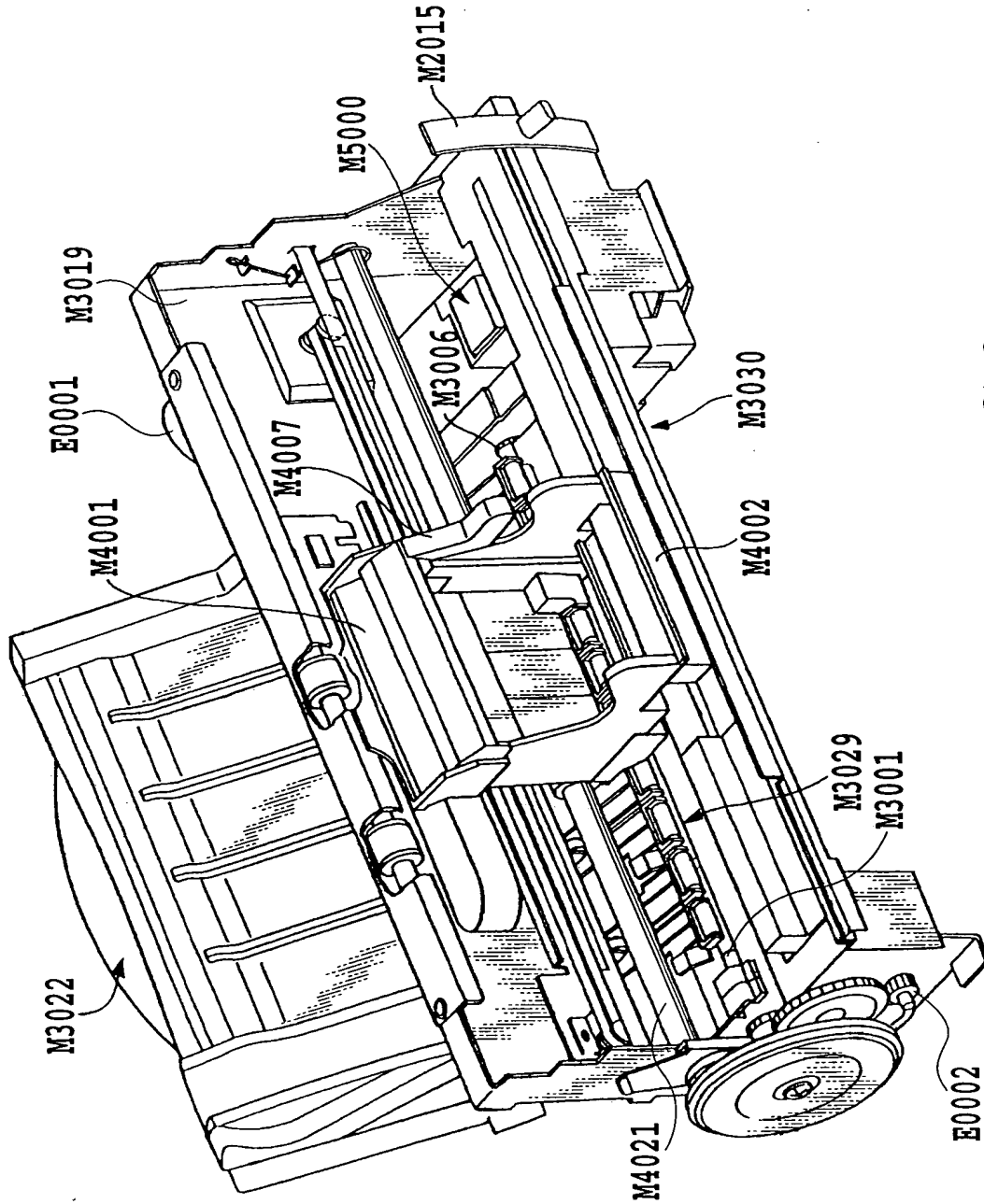


FIG. 2

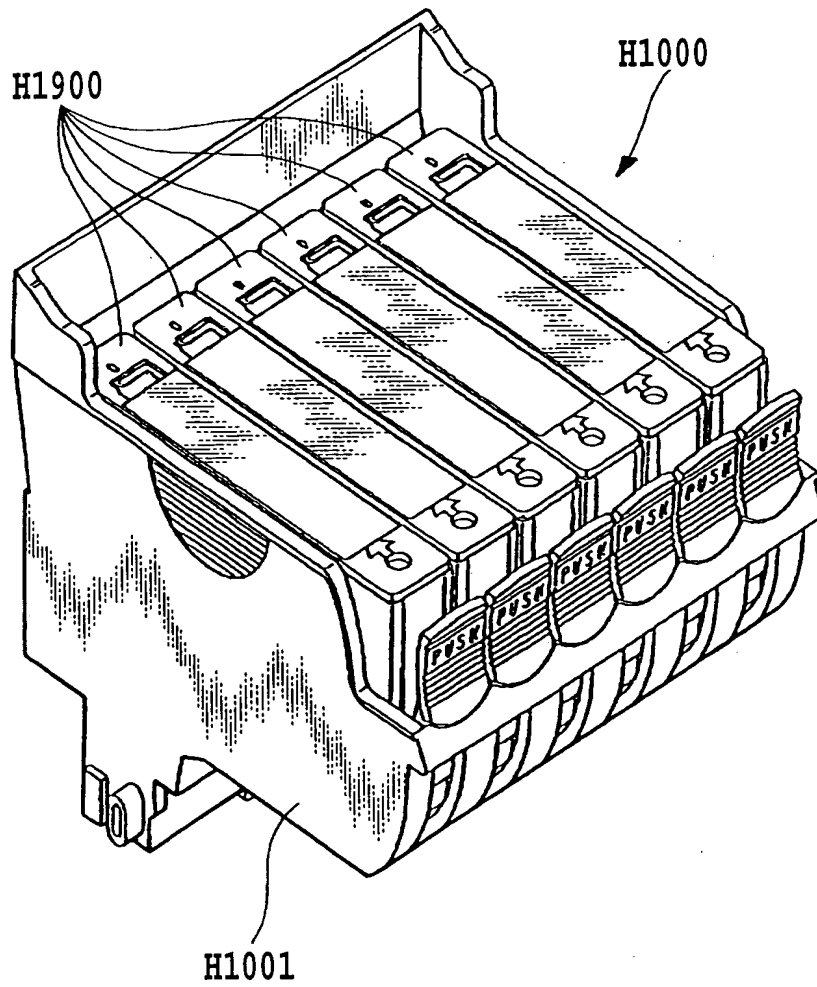


FIG.3

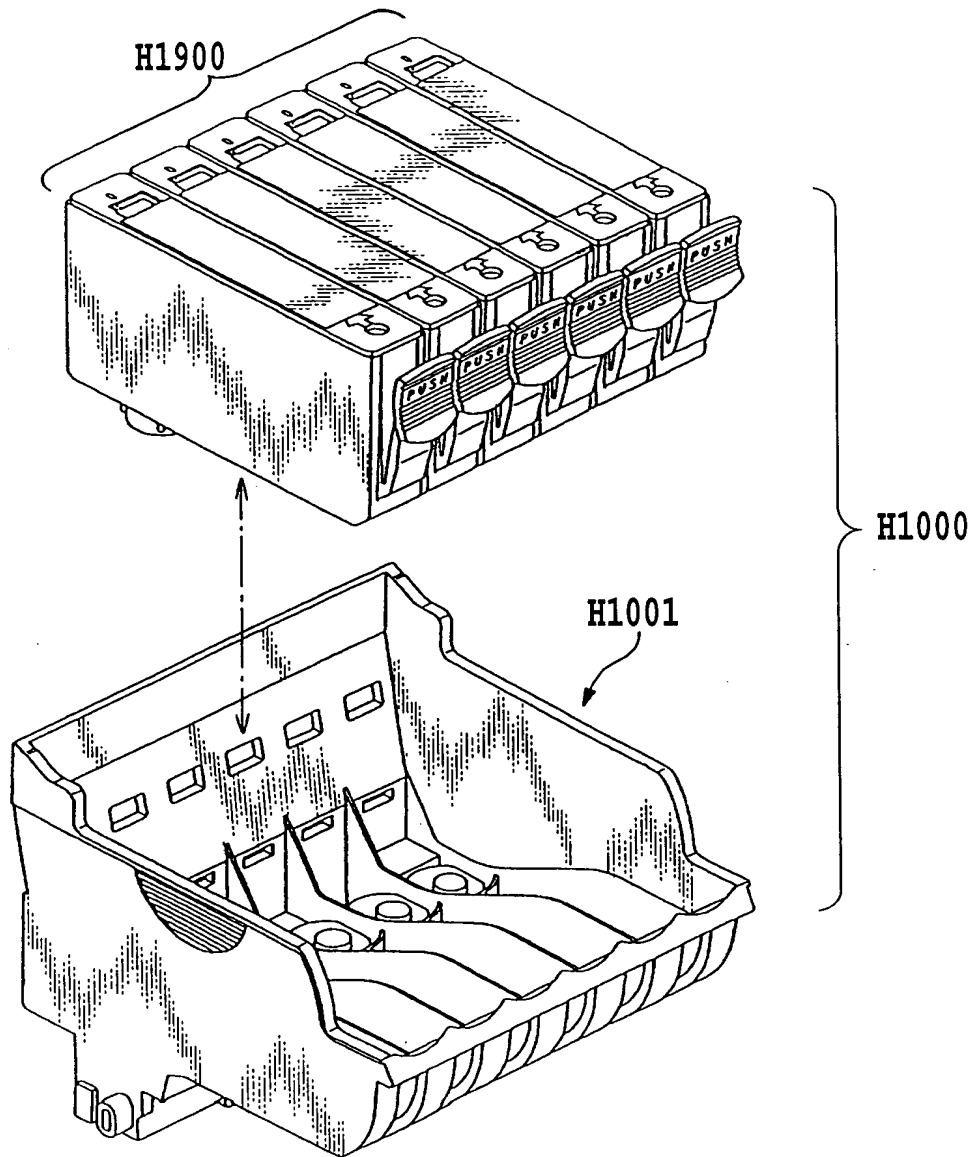


FIG.4

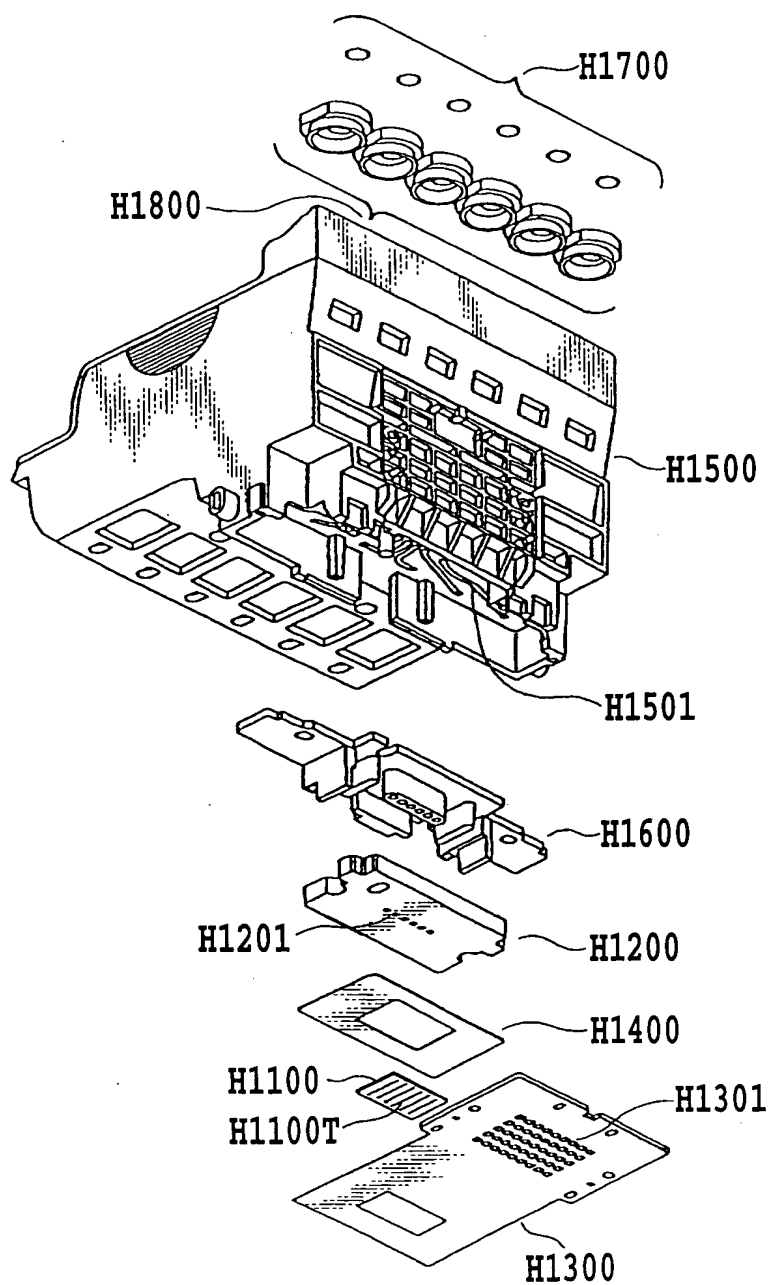


FIG.5

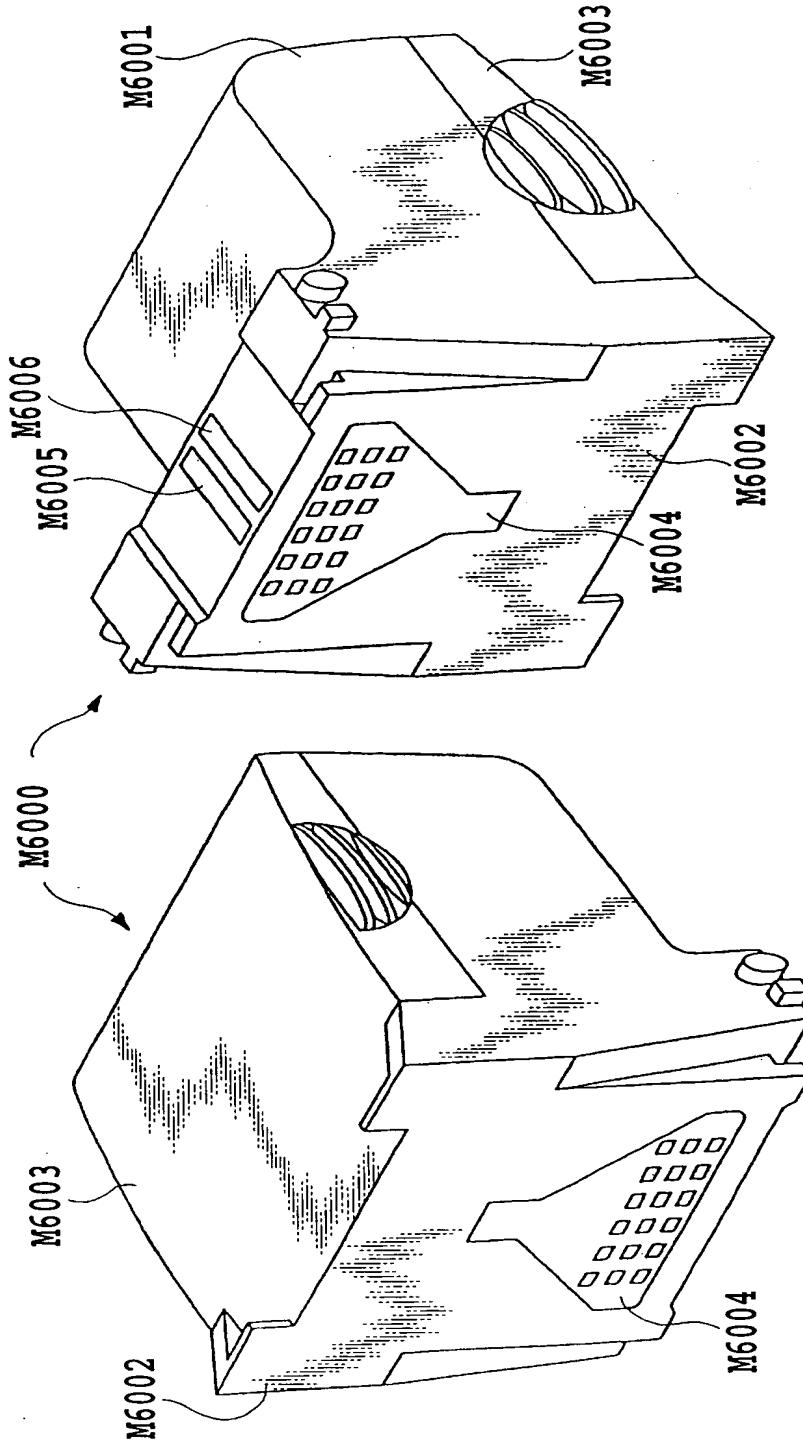


FIG.6A

FIG.6B

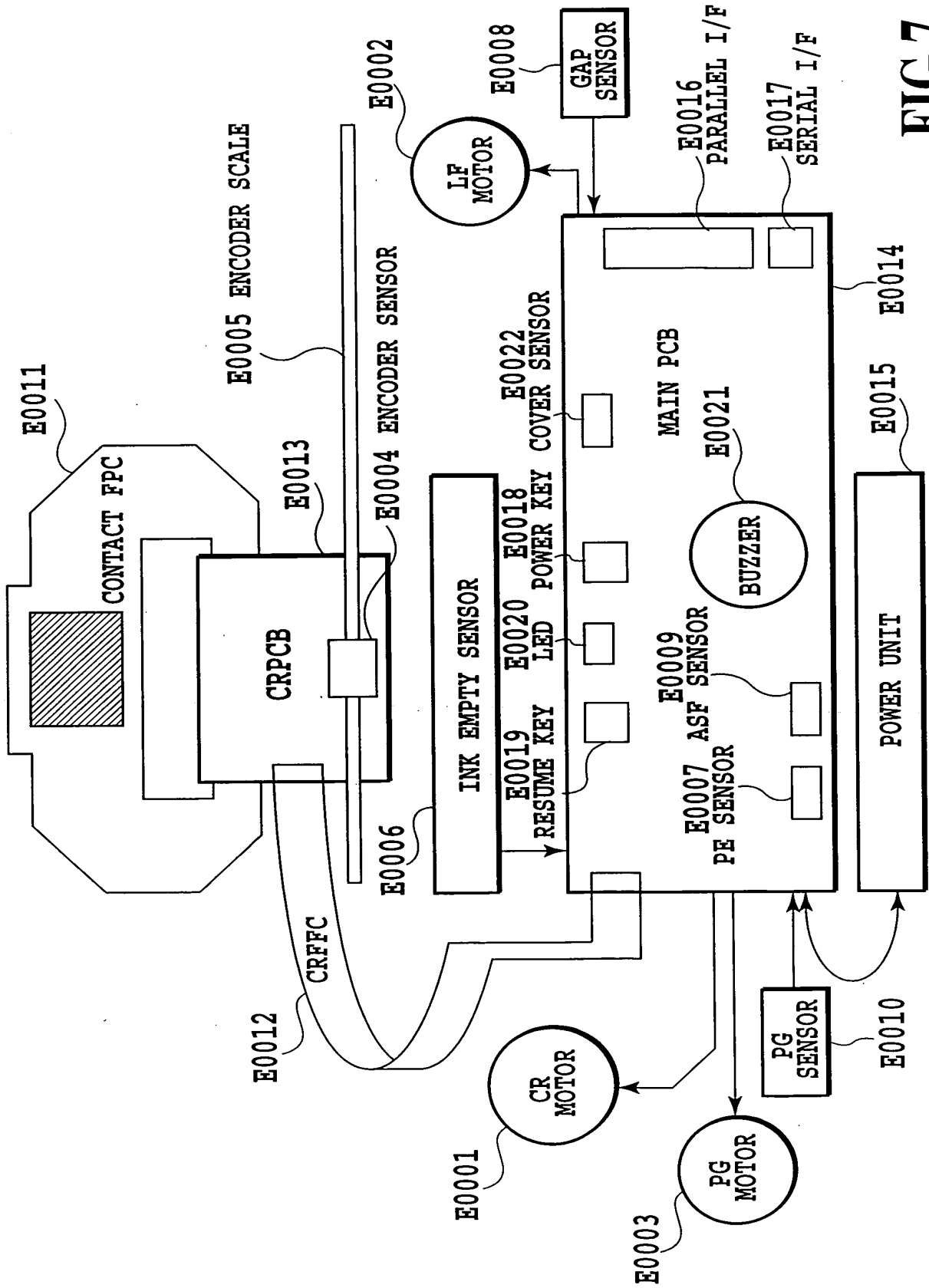


FIG.7

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FIG.8

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FIG.8A FIG.8B

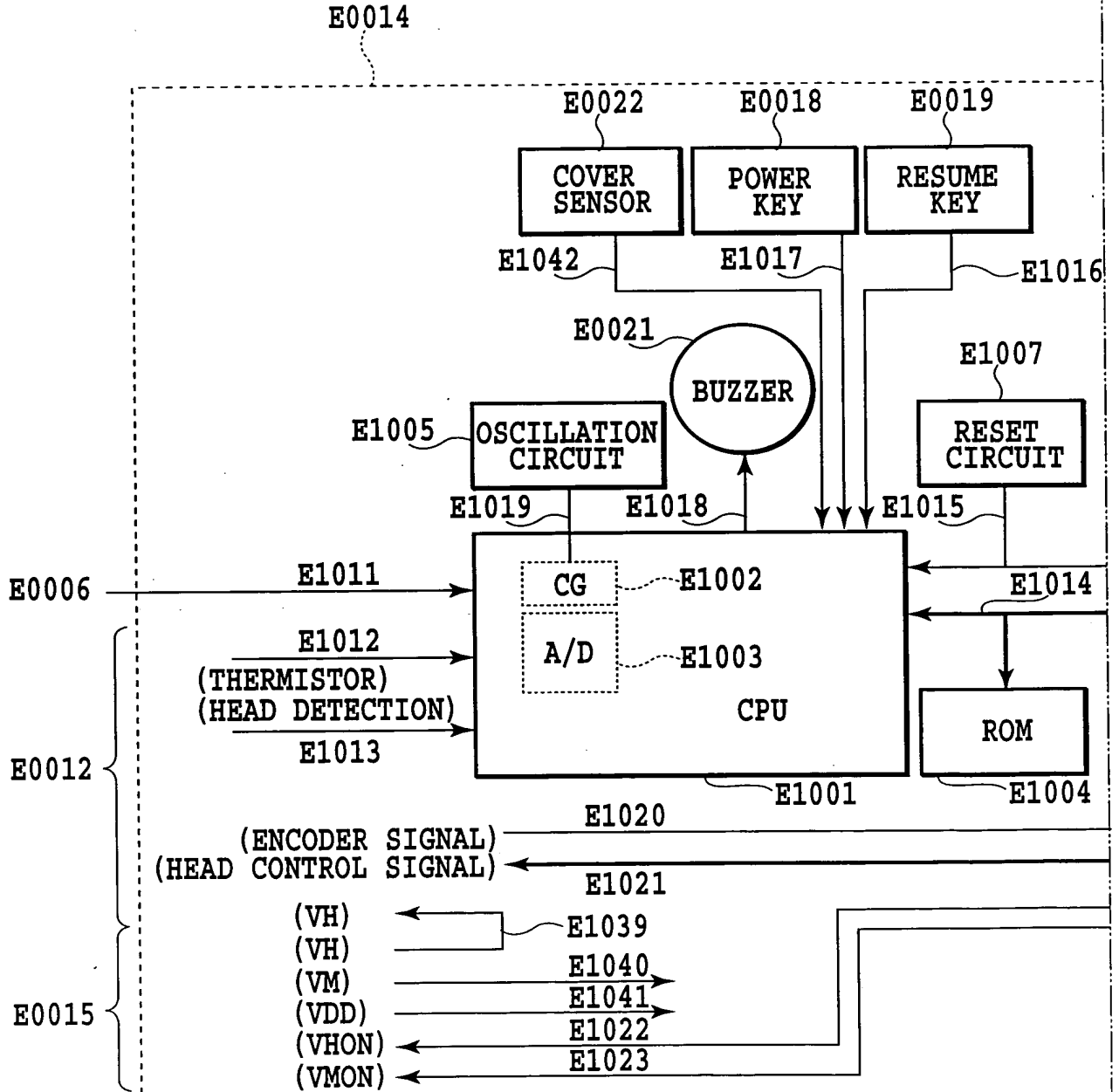


FIG.8A

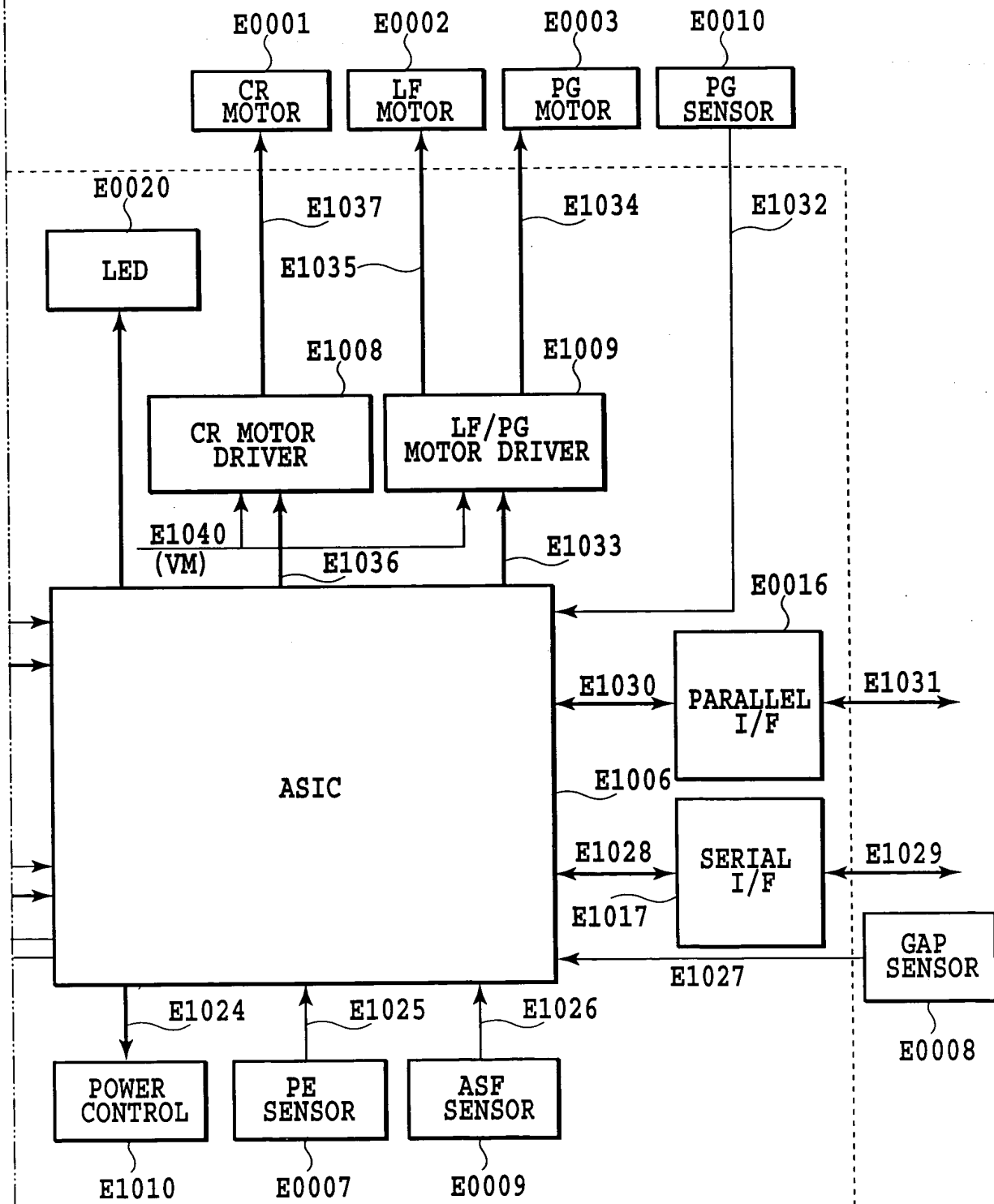


FIG.8B

FIG.9

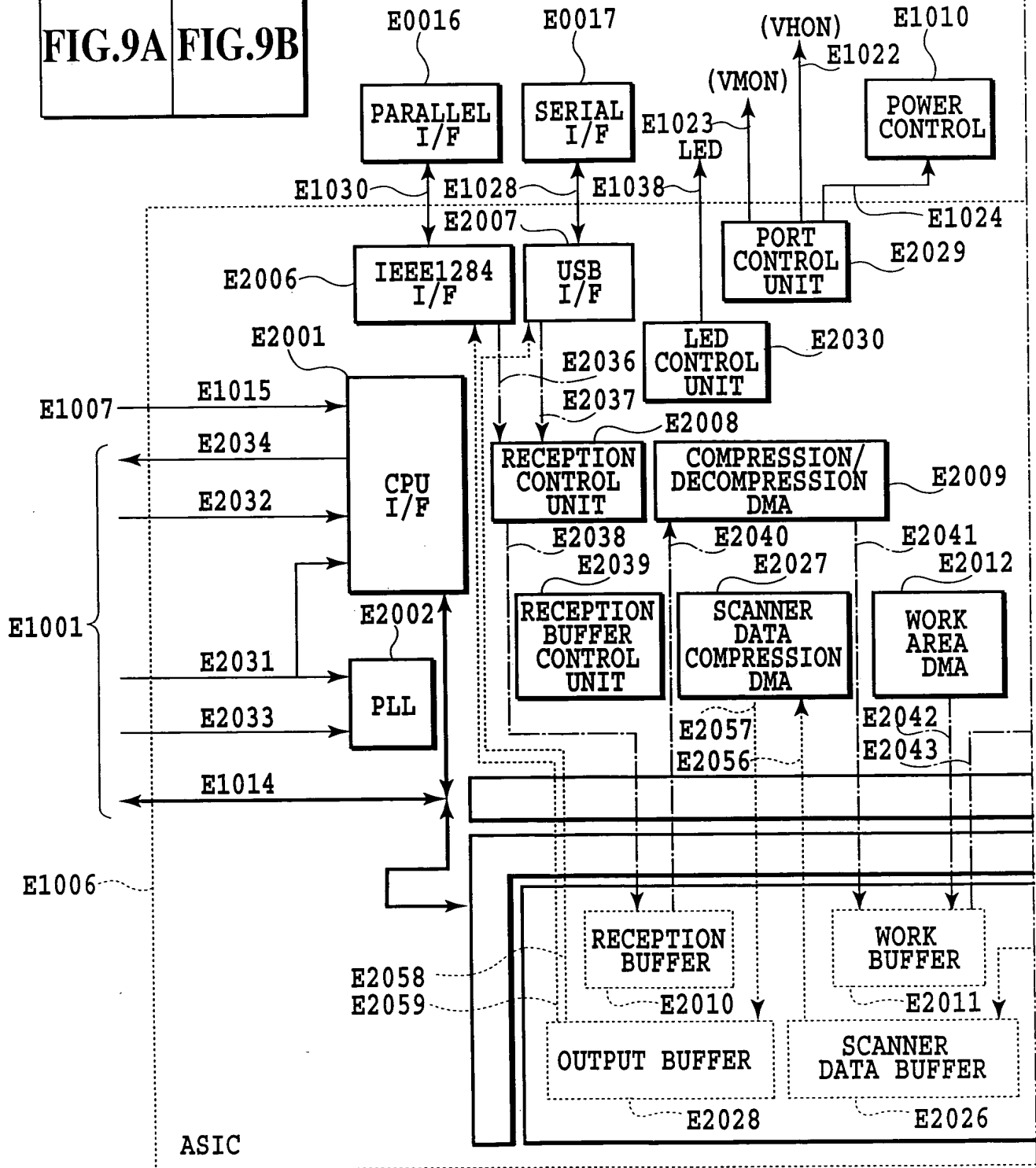
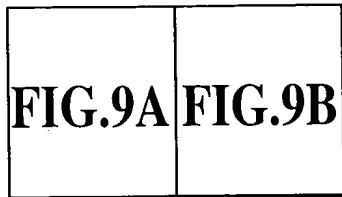


FIG.9A

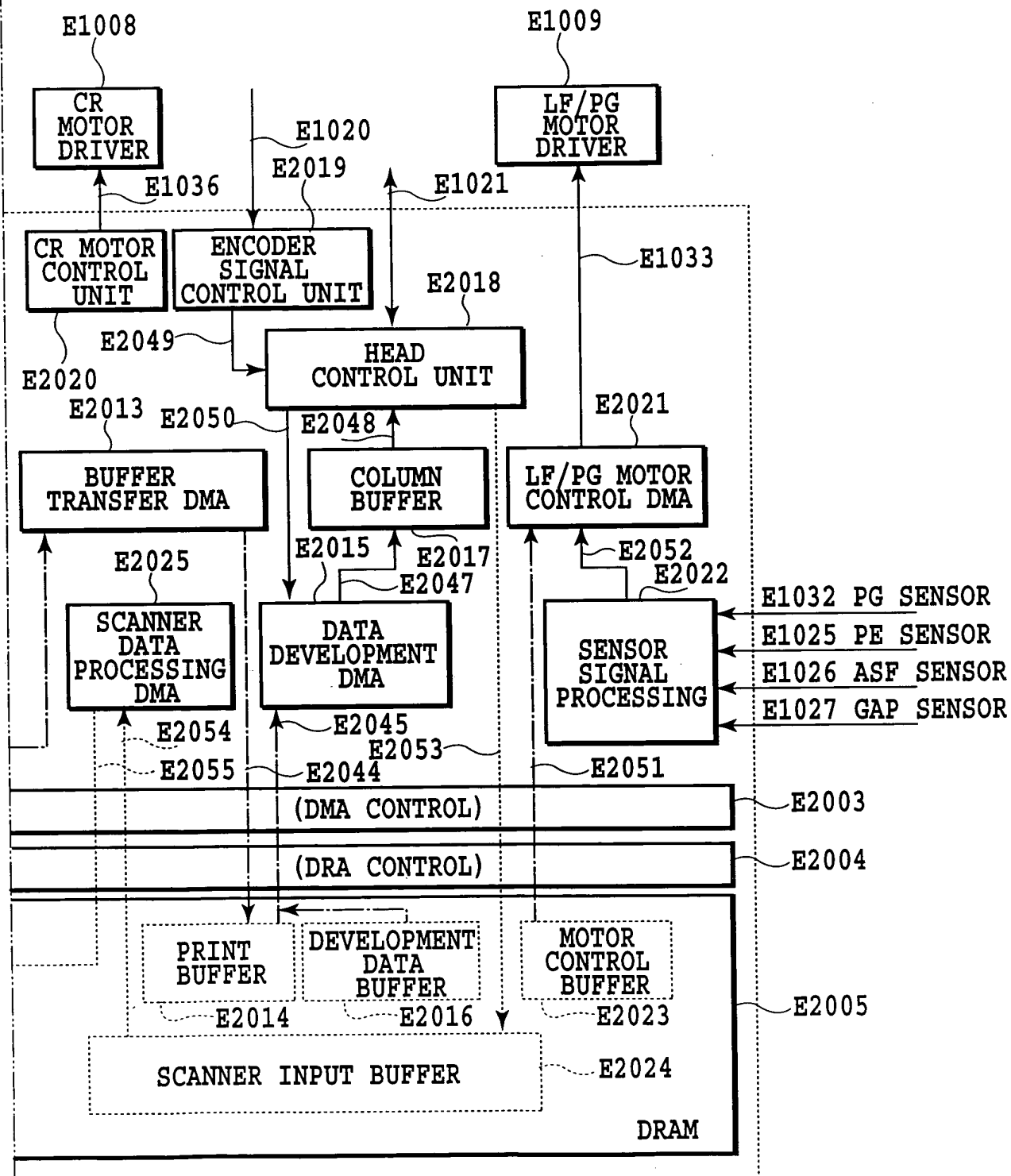


FIG.9B

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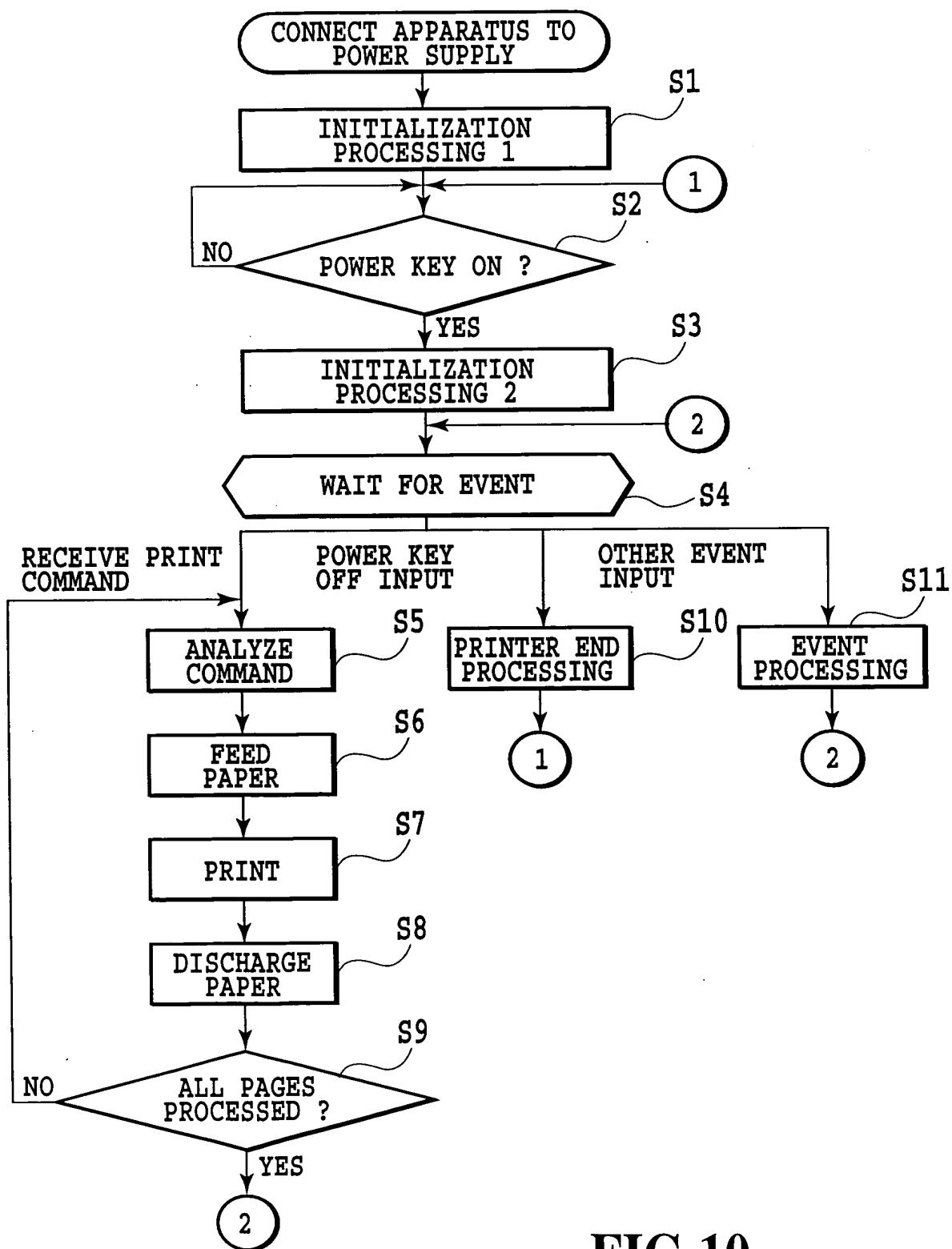


FIG.10

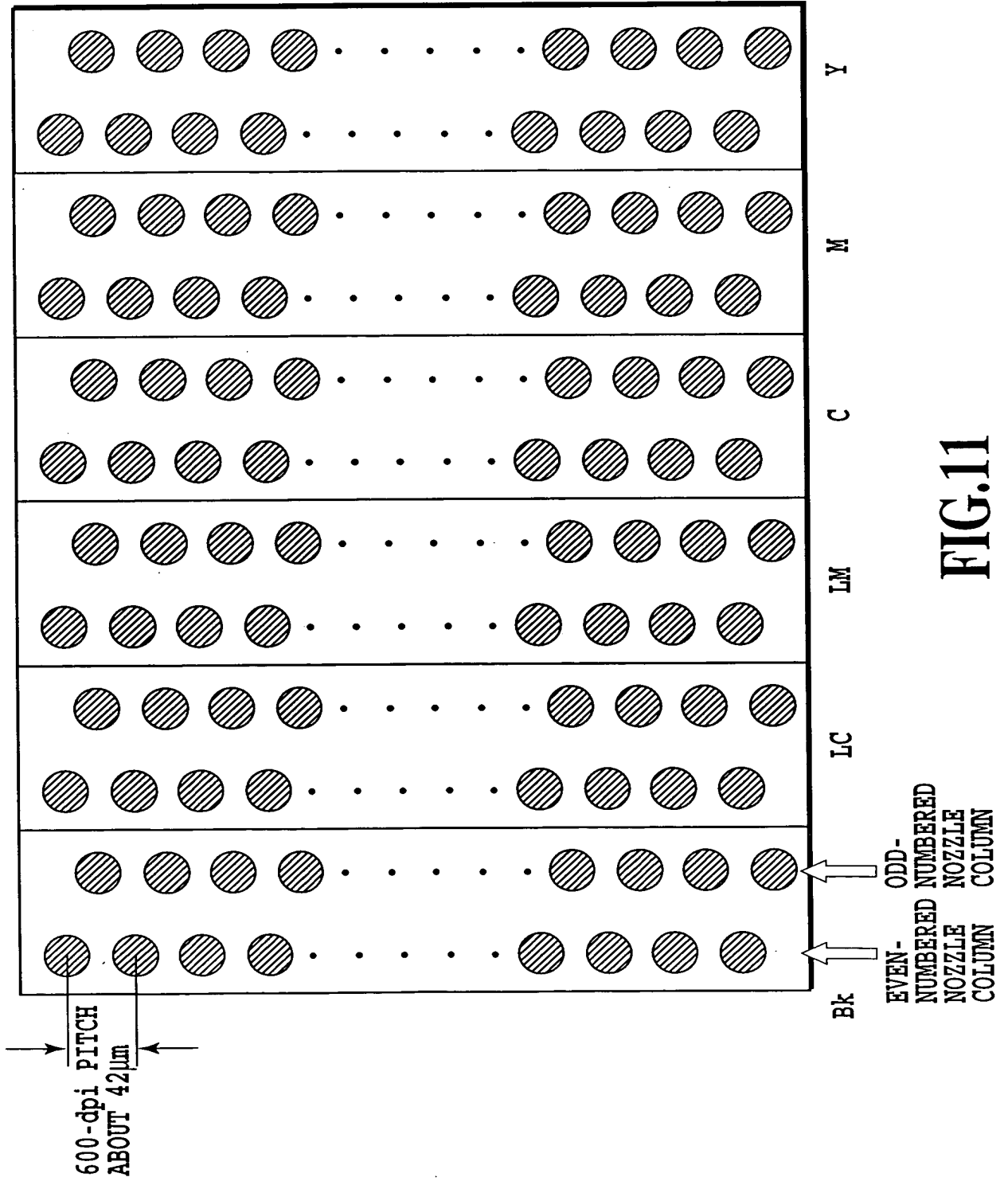


FIG.11

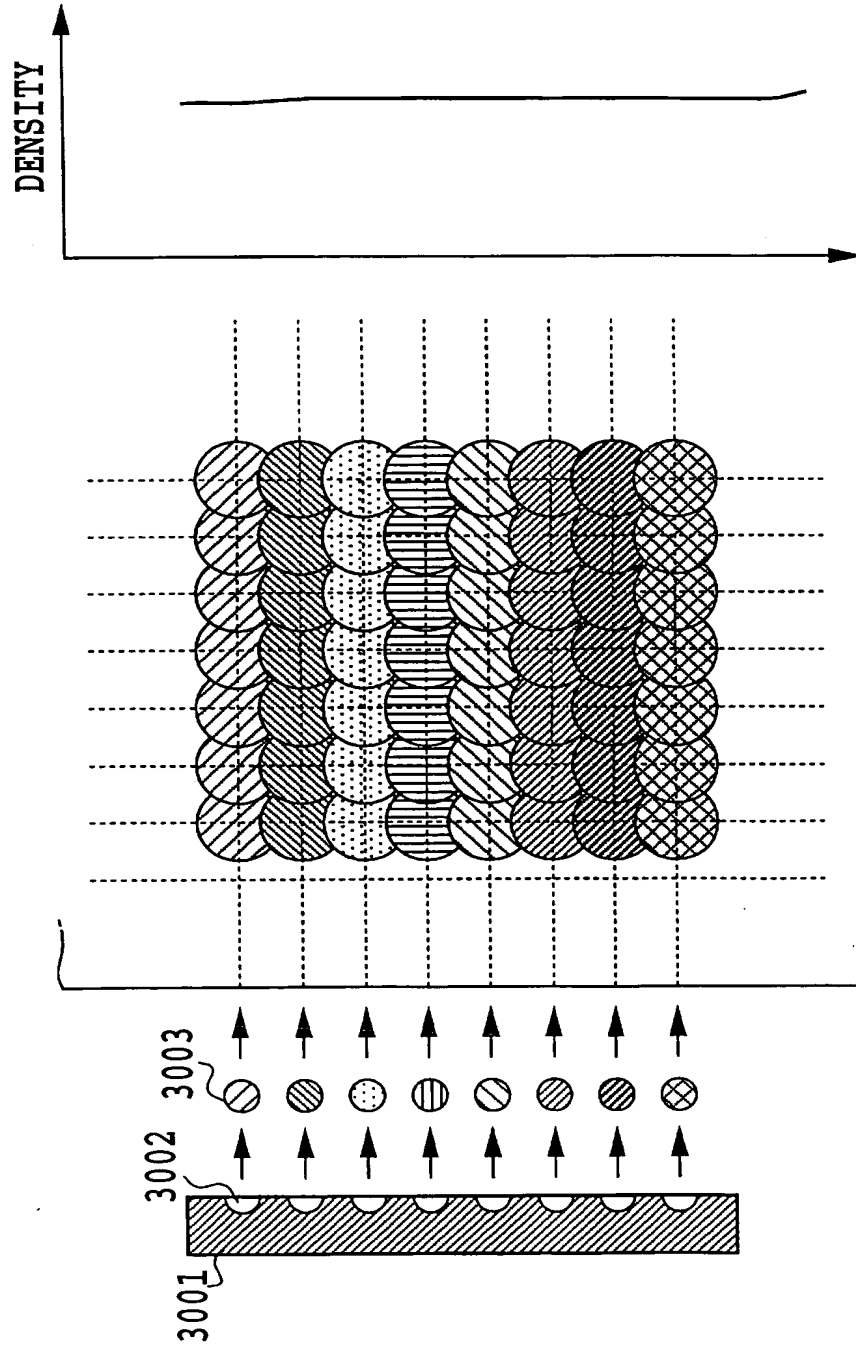


FIG.12A

FIG.12B

FIG.12C

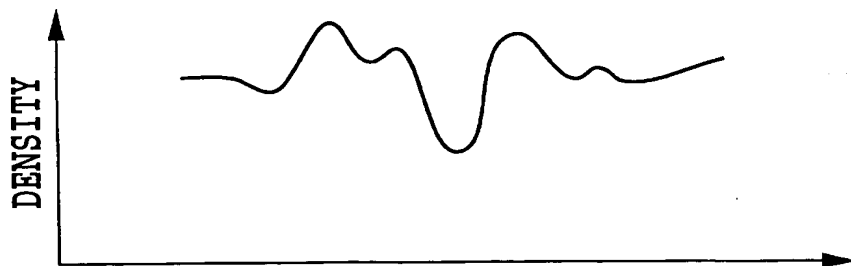


FIG.13C

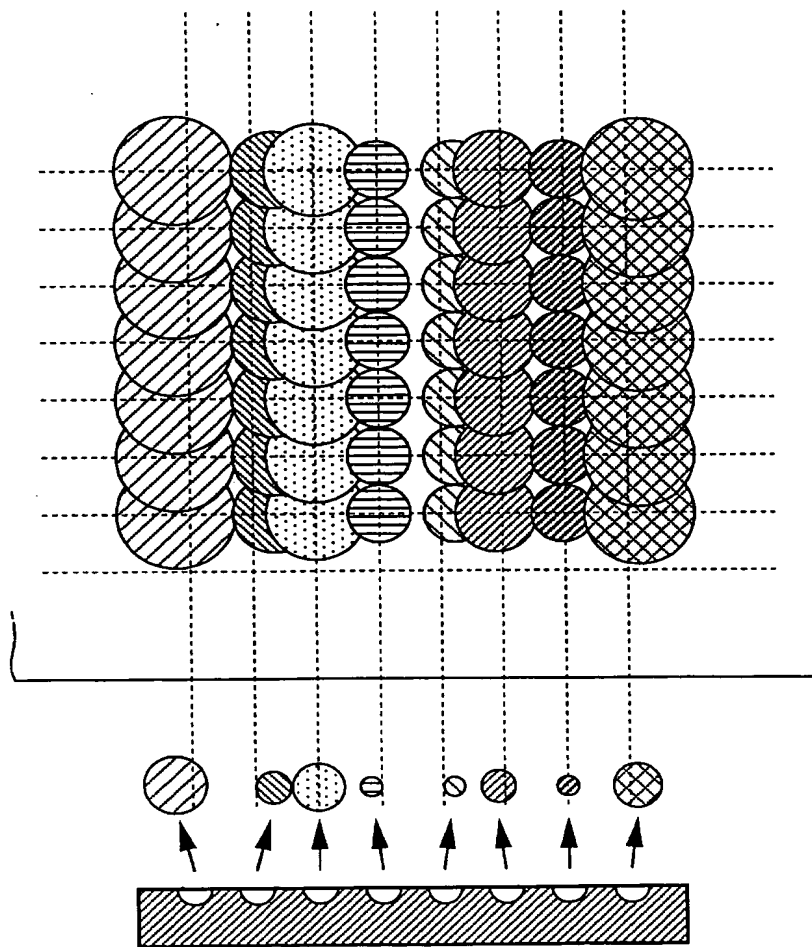


FIG.13B

FIG.13A

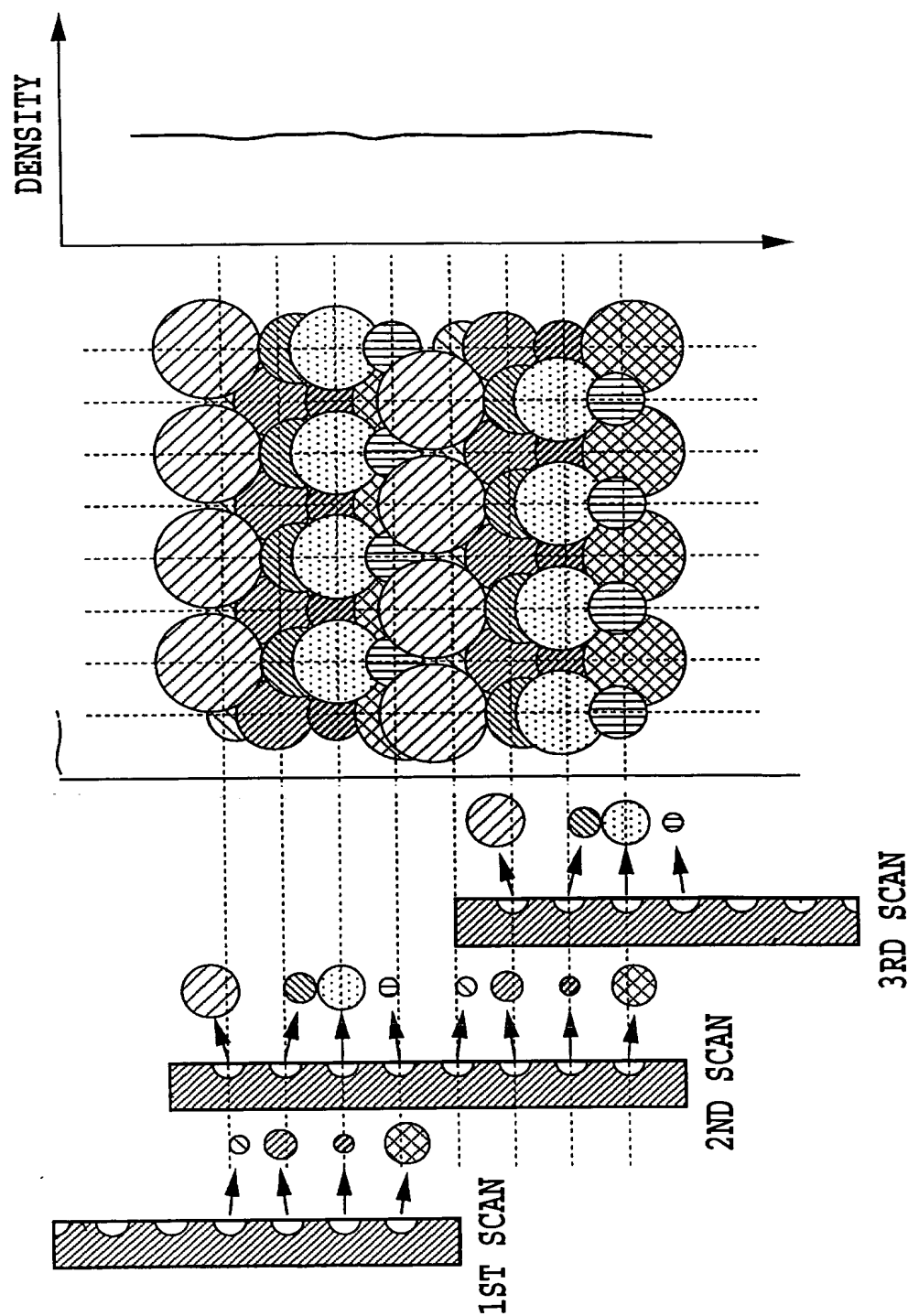


FIG.14A

FIG.14B

FIG.14C

1WORD

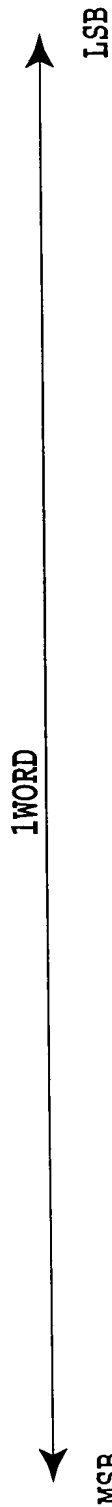


FIG.15

FIG.15A
FIG.15B

HEAD VERSION INFORMATION	
FRAME NUMBER	
HEAD SERIAL NUMBER	
HEAD DRIVE CONDITION	
BI-DIRECTIONAL REGISTRATION	REGISTRATION BETWEEN EVEN-AND ODD-NUMBERED RASTERS
INTERCOLOR REGISTRATION	
EJECTION FAILURE INFORMATION	
EJECTION INFORMATION	
ERROR CHECK	

FIG.15A

HEAD VERSION INFORMATION	
FRAME NUMBER	
HEAD SERIAL NUMBER	
HEAD DRIVE CONDITION	
BI-DIRECTIONAL REGISTRATION	INTERCOLOR REGISTRATION
REGISTRATION BETWEEN EVEN-AND ODD-NUMBERED RASTERS	
EJECTION FAILURE INFORMATION	
EJECTION INFORMATION	
ERROR CHECK	

FIG.15B

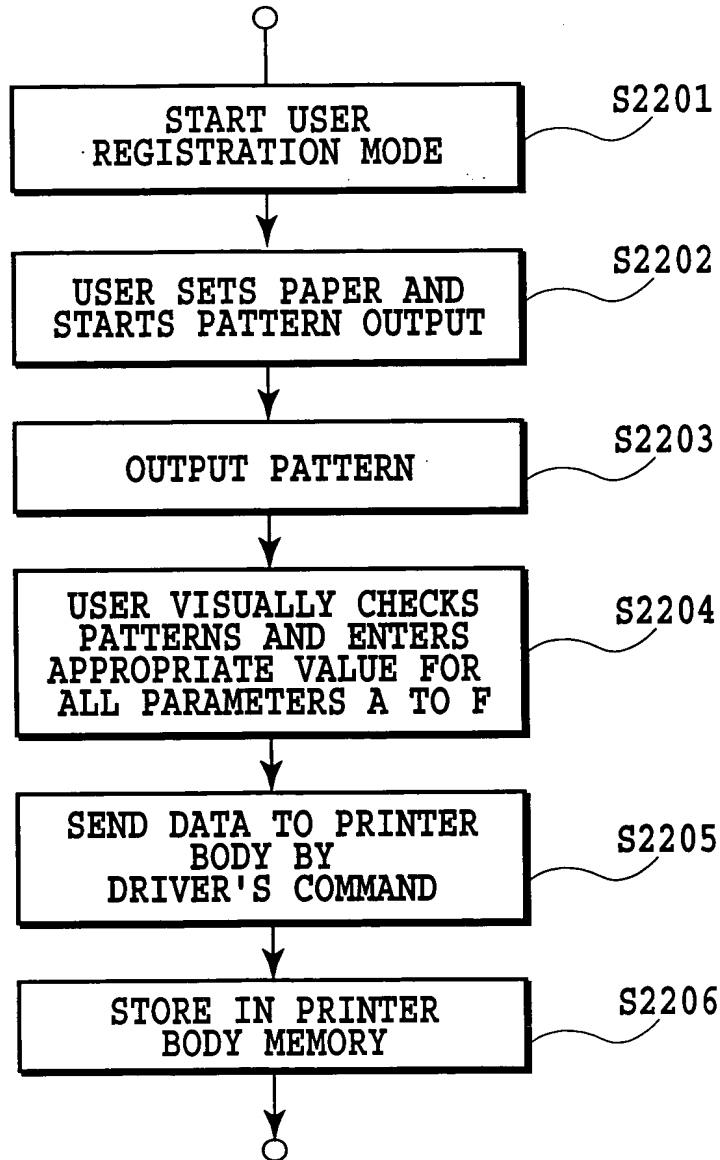


FIG.16A

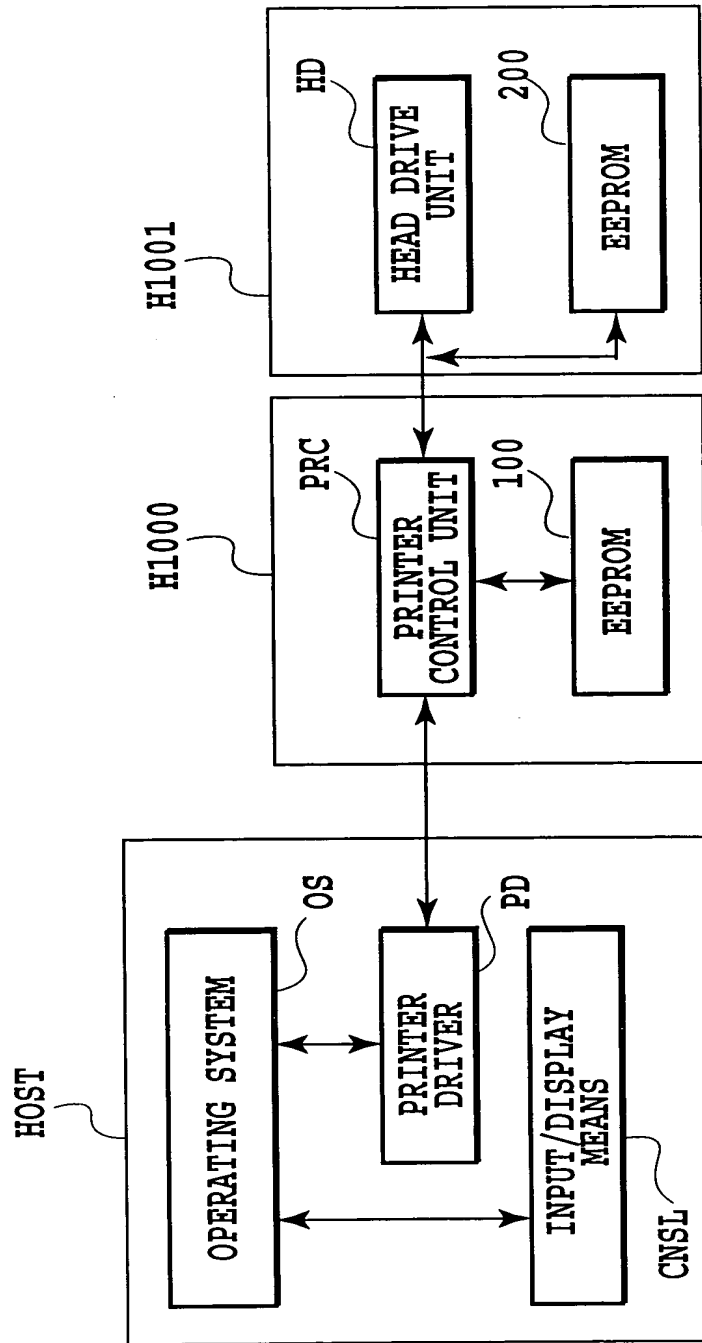


FIG.16B

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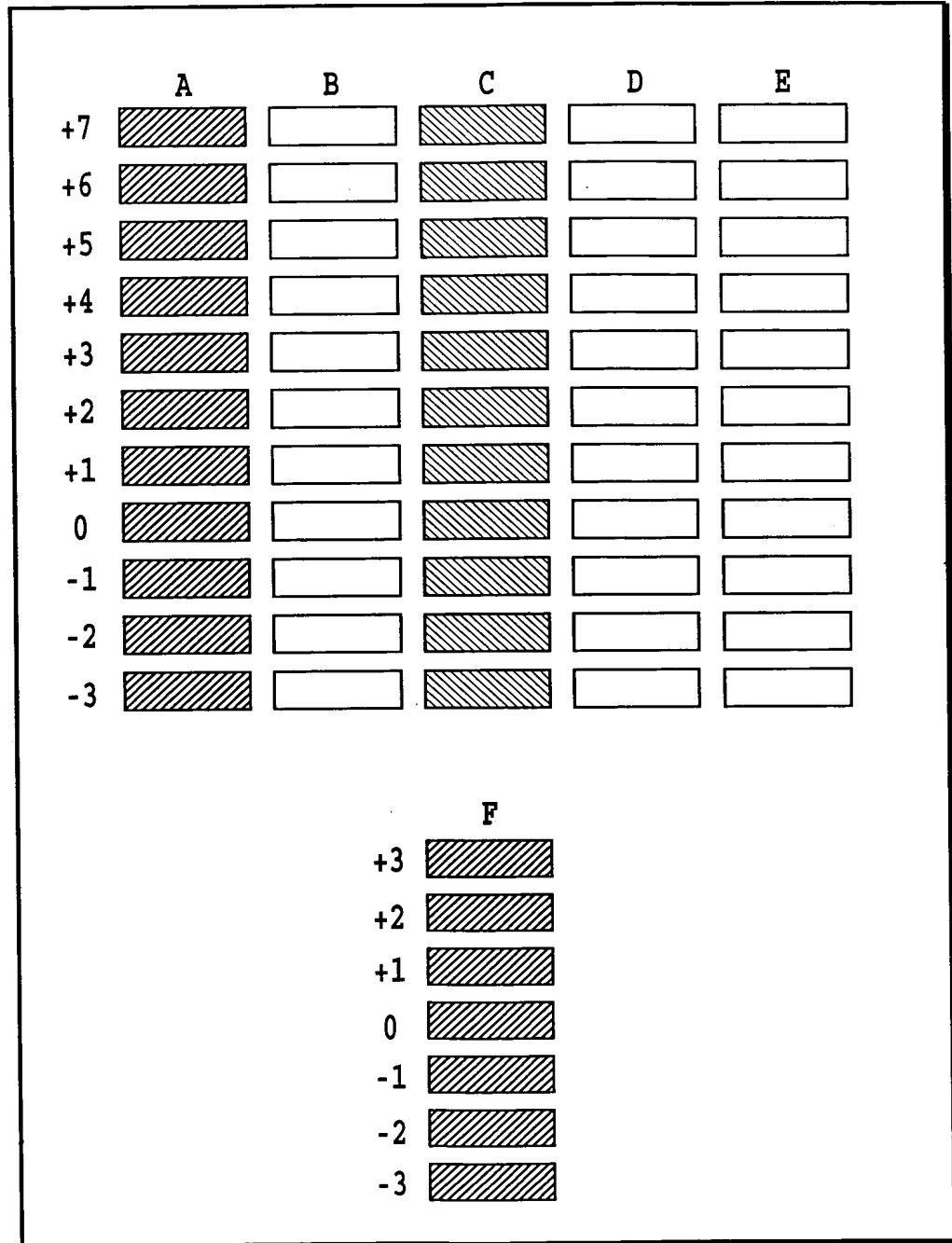


FIG.17

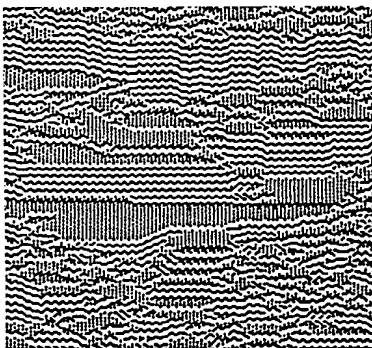


FIG.18A

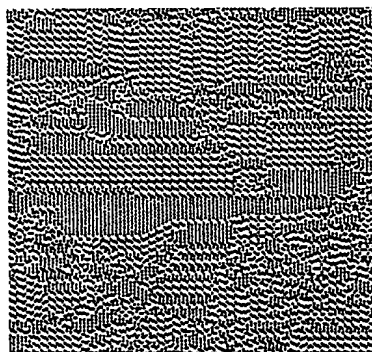


FIG.18B

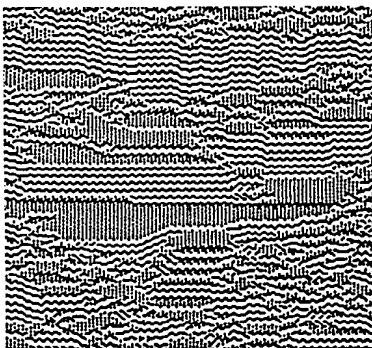


FIG.18C

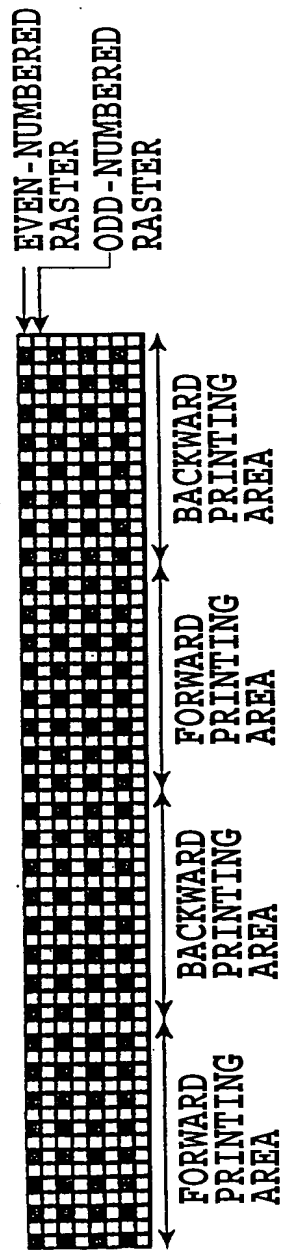


FIG.19A

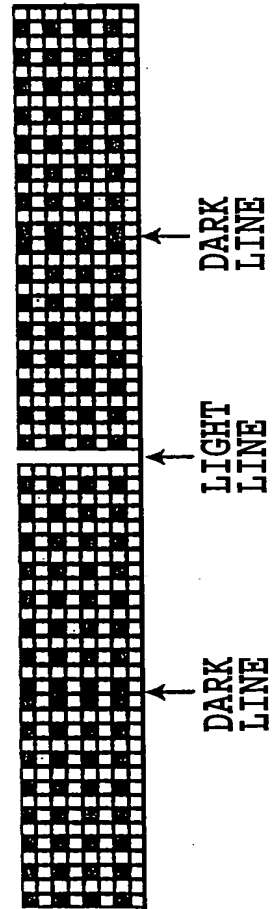


FIG.19B

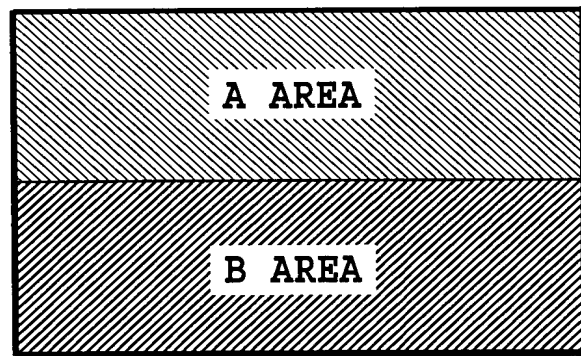


FIG.20

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FIG.21A

	HQ	HS
NORMAL POSITION	3	4
THICK SHEET POSITION	4	6

UNIT (PIXEL)

FIG.21B

	HQ	HS
NORMAL POSITION	3	5
THICK SHEET POSITION	4	7

UNIT (PIXEL)

FIG.21C

	HQ	HS
NORMAL POSITION	3	5
THICK SHEET POSITION	4	7

UNIT (PIXEL)

FIG.21D

	HQ	HS
NORMAL POSITION	3	6
THICK SHEET POSITION	4	8

UNIT (PIXEL)

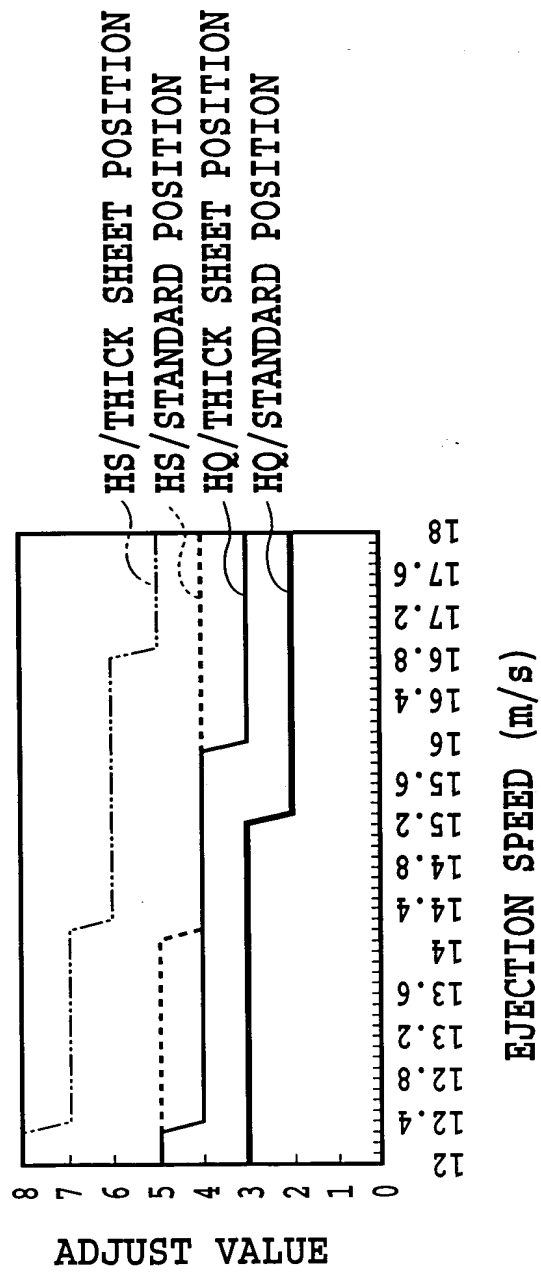


FIG.22

EJECTION SPEED (m/s)	12~12.4	12.4~14.2	14.2~15.3	15.3~16.0	16.0~16.9	16.9~18.0
HS/THICK SHEET POSITION	3	3	3	2	2	2
HS/STANDARD POSITION	5	4	4	4	3	3
HQ/THICK SHEET POSITION	5	4	4	4	4	4
HQ/STANDARD POSITION	8	7	6	6	6	5

UNIT (PIXEL)

FIG.23

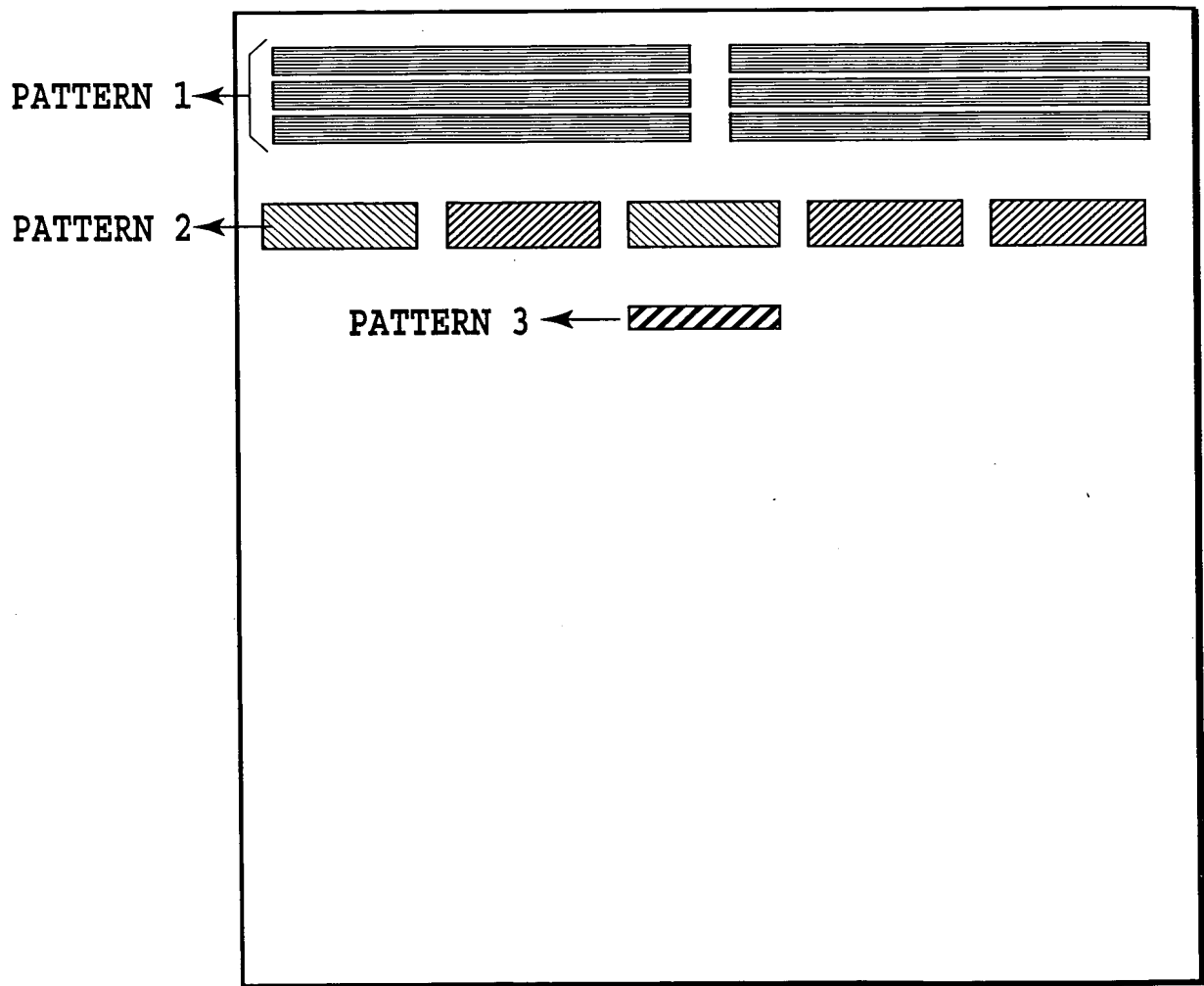


FIG.24

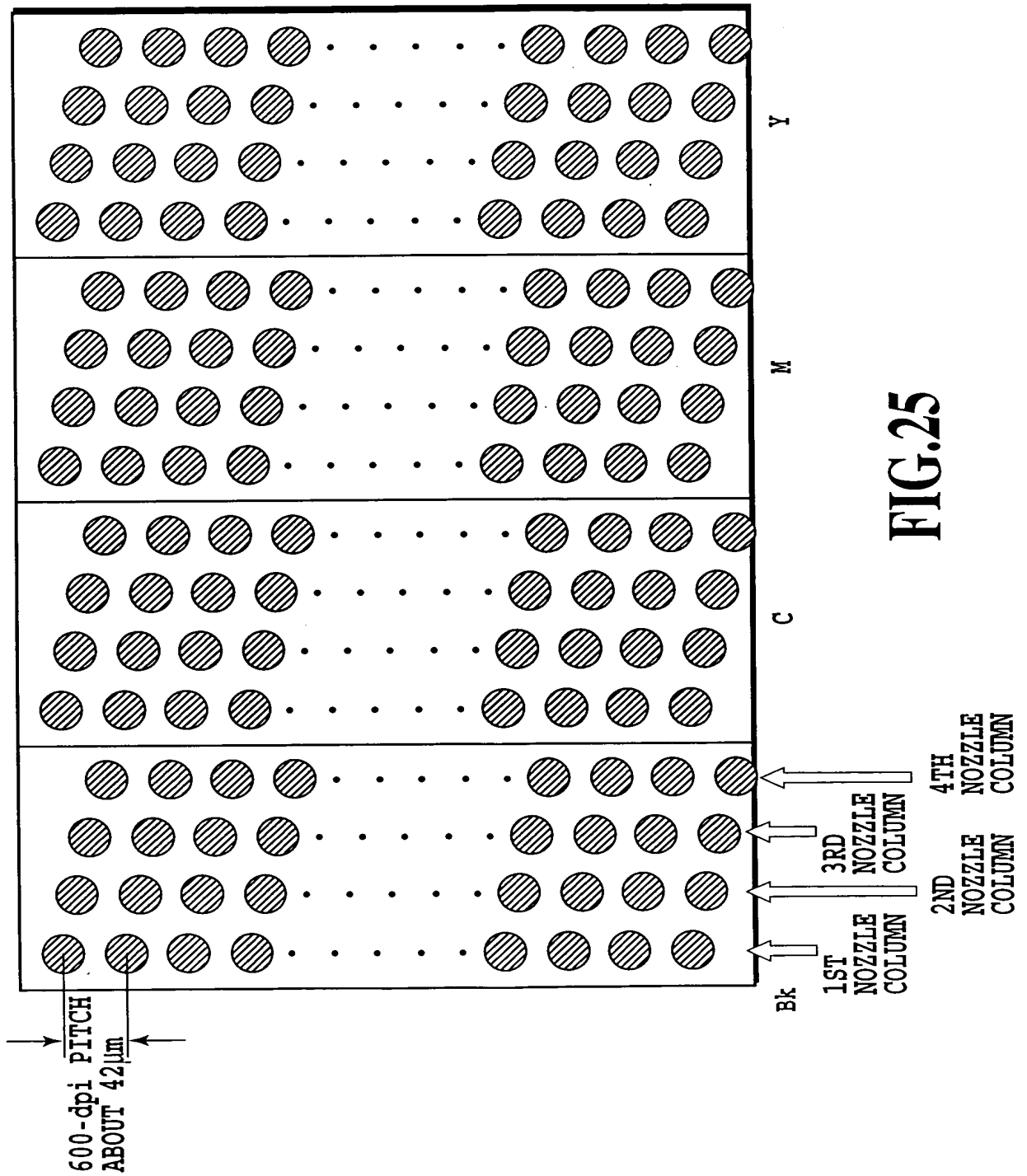


FIG.25

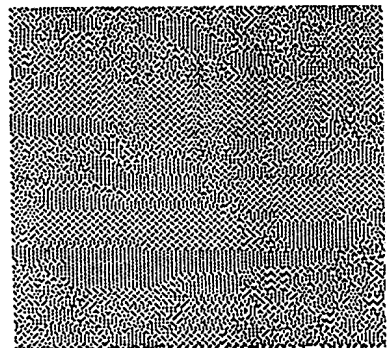


FIG. 26A

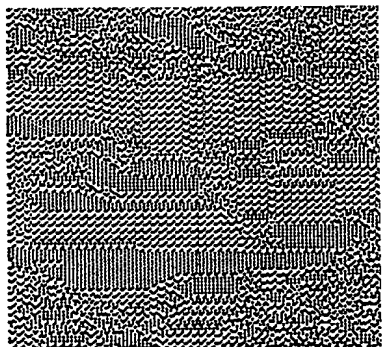


FIG. 26B

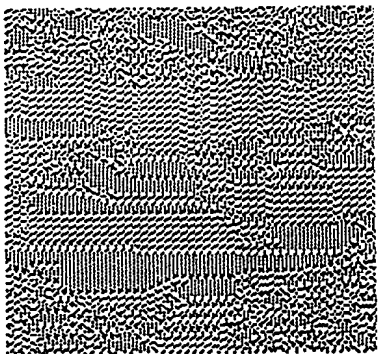


FIG. 26C

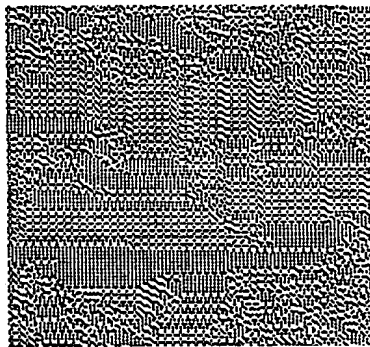
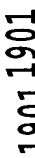


FIG. 26D



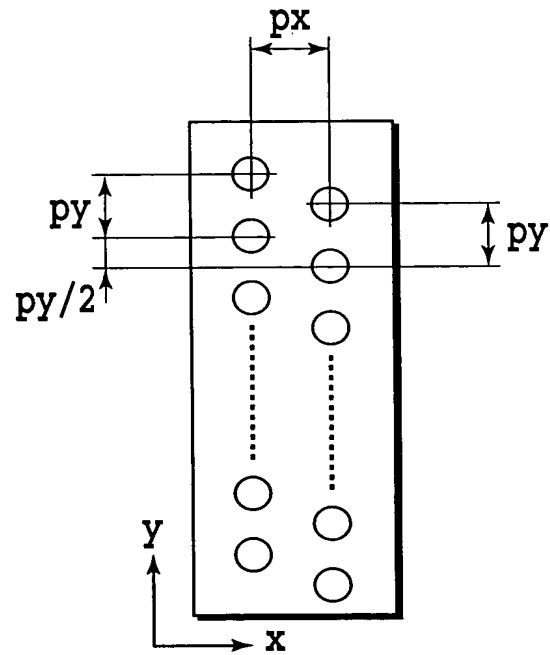


FIG.28A

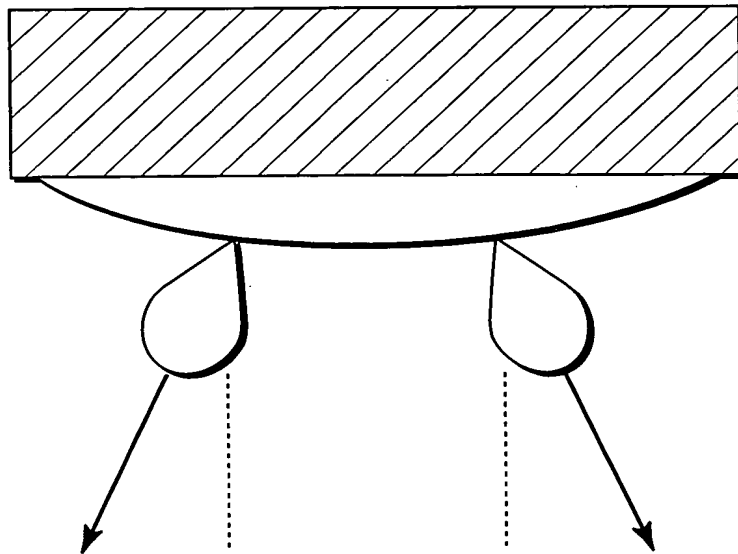


FIG.28B

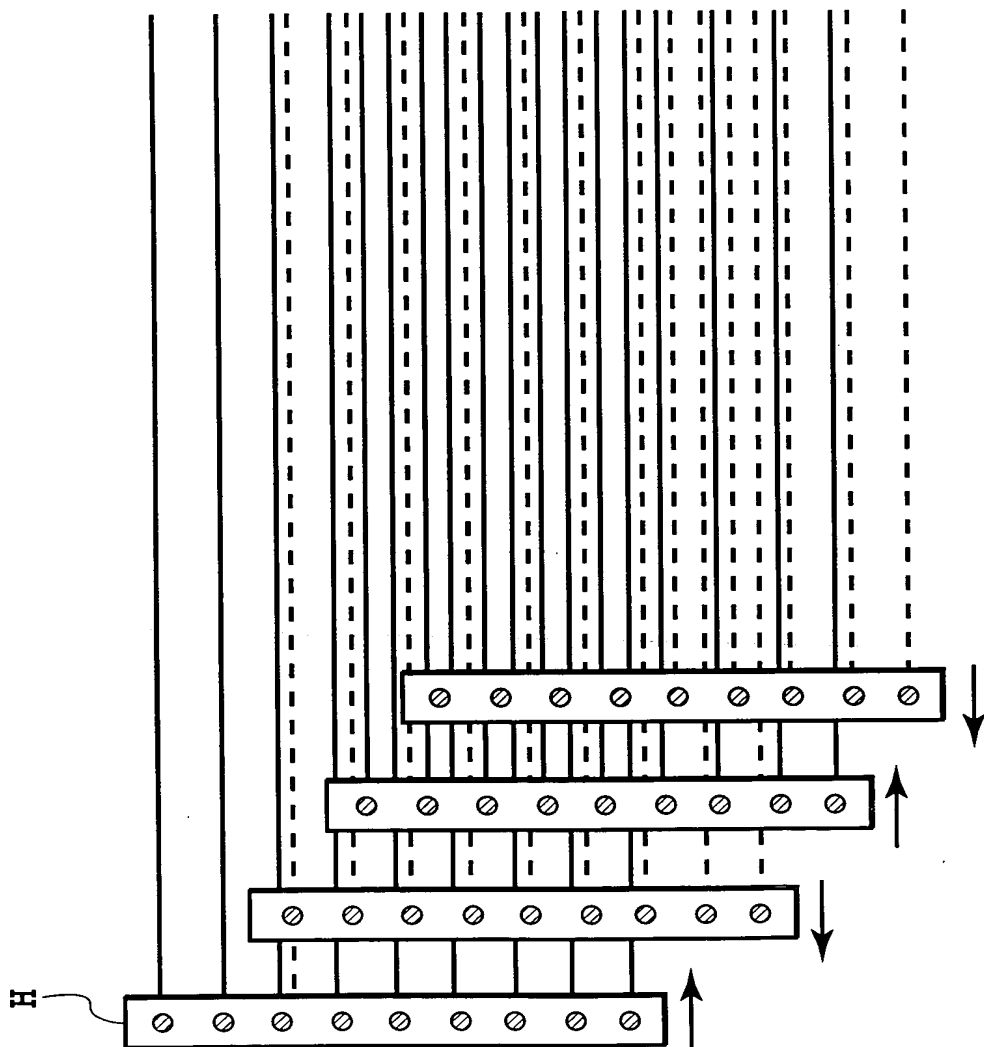


FIG.29

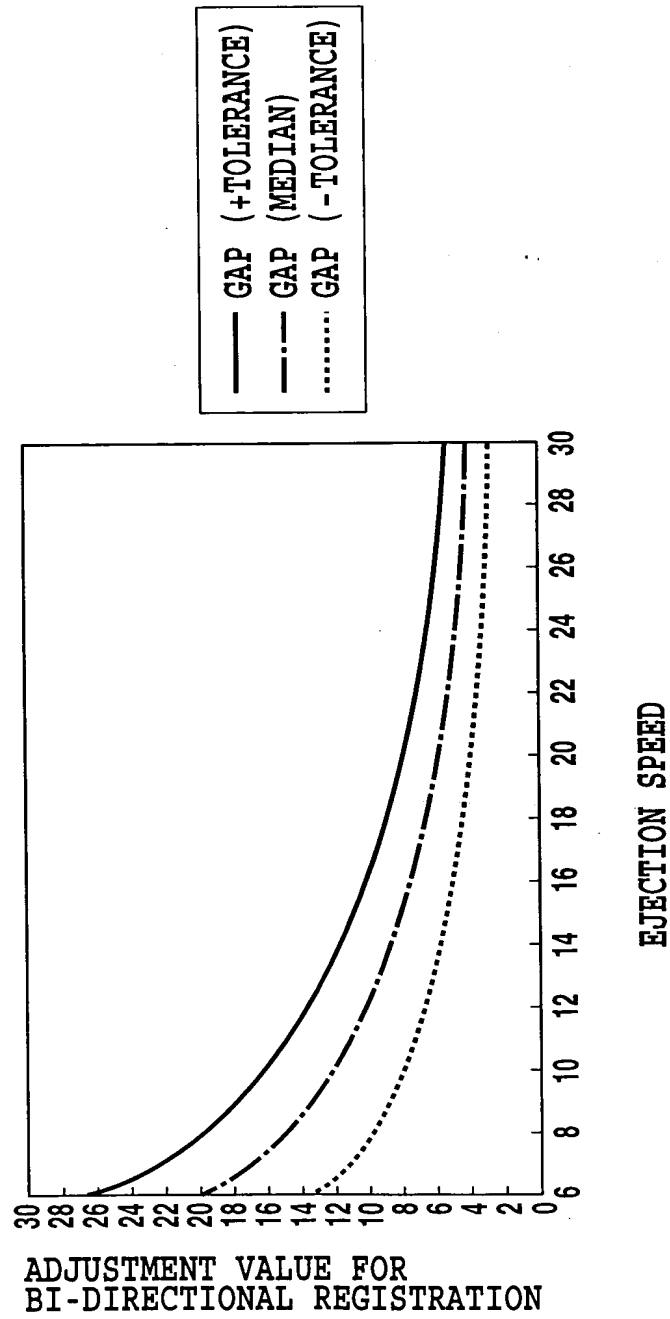


FIG.30

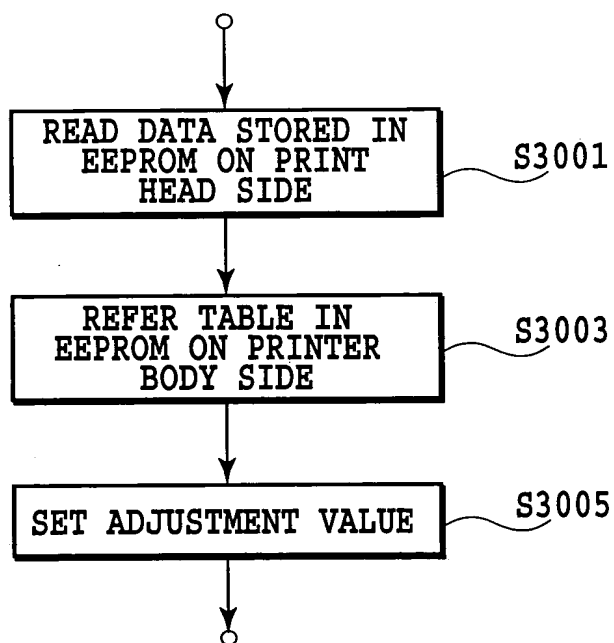


FIG.31

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EJECTION SPEED (m/s)		10	11	12	13	14	15	16
		01	02	03	04	05	06	07
GAP + TOLERANCE (MAXIMUM) GAP (MEDIAN) GAP - TOLERANCE (MINIMUM)	01	16	15	14	13	8	11	10
	02	12	11	10	9	12	6	5
	03	8	7	7	6	6	5	5

FIG.32

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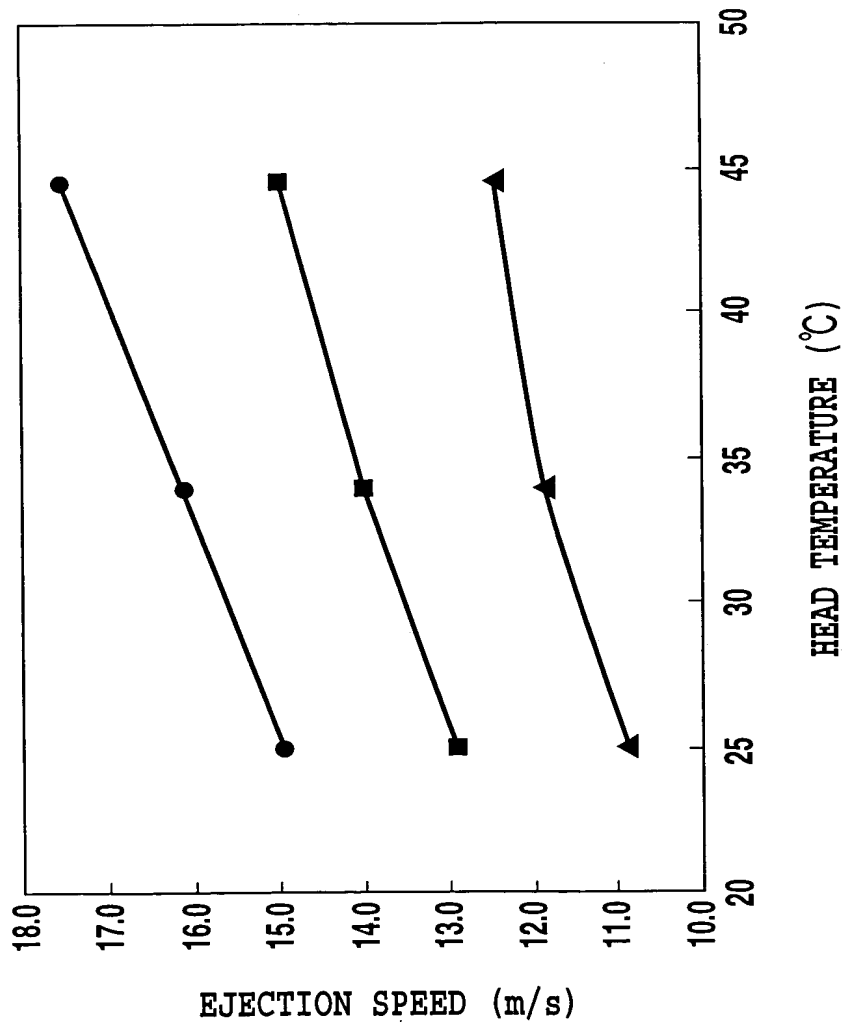


FIG.33

INITIAL EJECTION SPEED (mm)	10	11	12	13	14	15	16
	01	02	03	04	05	06	07
HEAD TEMPERATURE (°C)	20~30	02	03	04	05	06	07
	30~40	03	04	05	06	07	08
	40~50	04	05	06	07	08	09
	50~	05	06	07	08	09	0a

FIG.34

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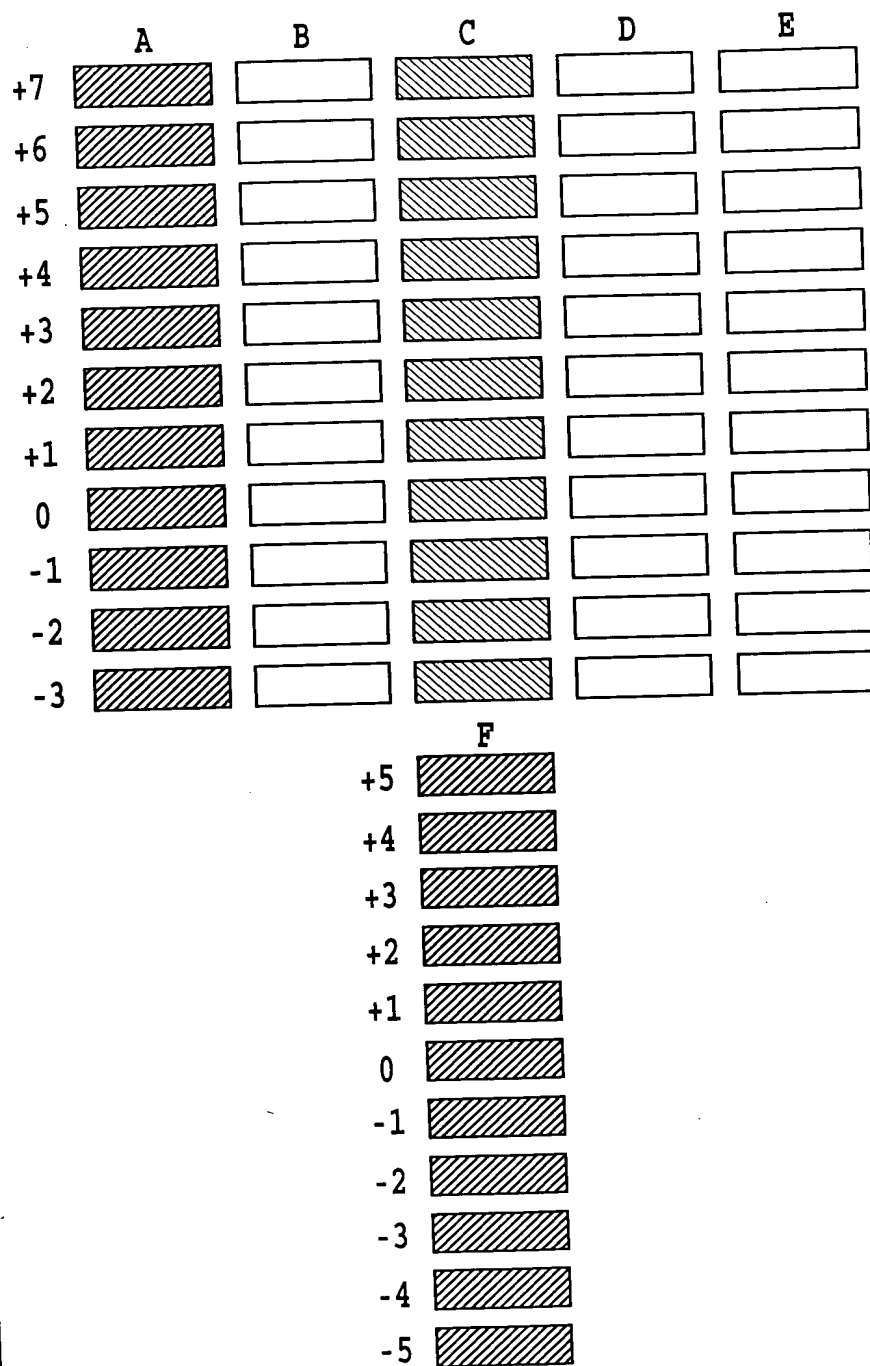


FIG.35

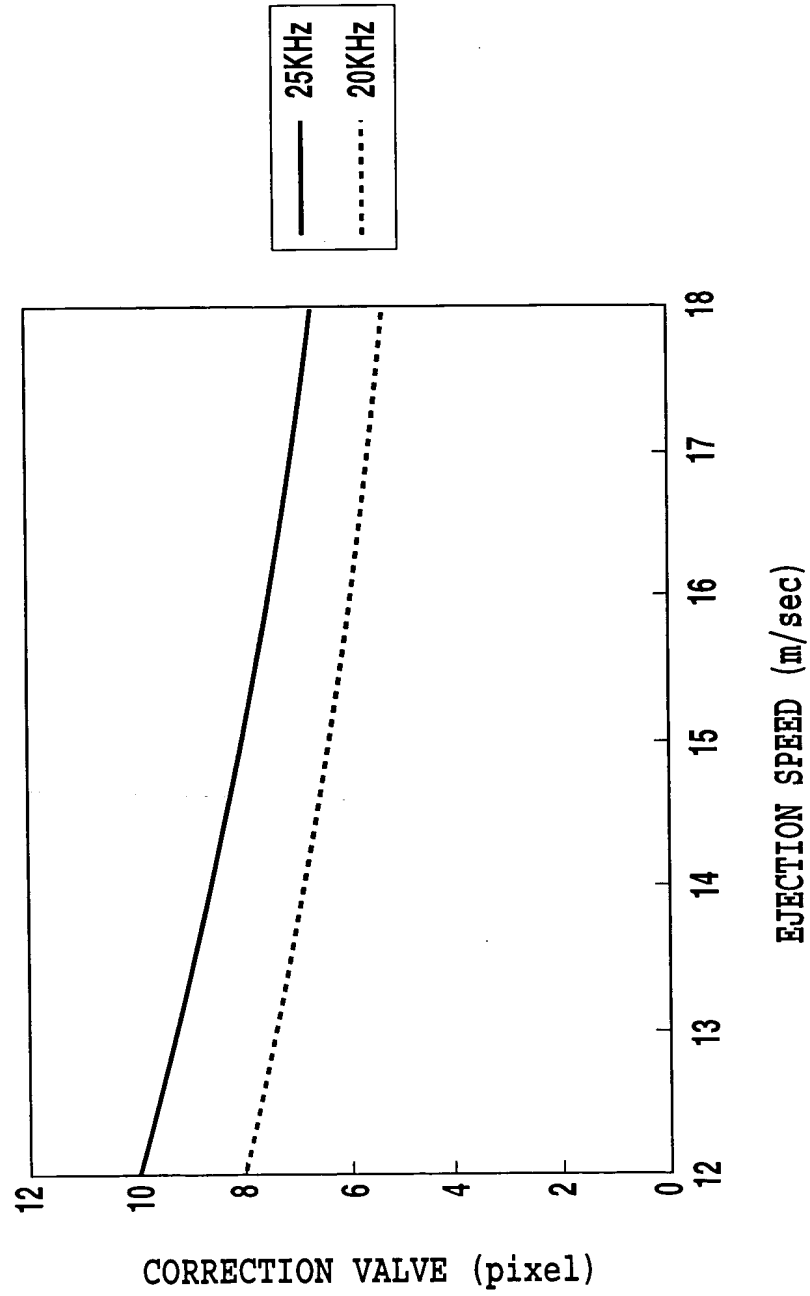


FIG.36

EJECTION SPEED (m/s)	10	11	12	13	14	15	16	17	18	19	20
	01	02	03	04	05	06	07	08	09	0a	0b
DRIVE FREQUENCY (KHz)	25	21	11	10	9	8	8	7	7	6	6
	20	10	9	8	7	6	6	6	5	5	5

FIG.37